

**Work Order ID 113103**

February-12-14 8:23:29 AM

**\*113103\***

Page 1

Item ID: D3462-041

Accept

**\*N900040100\***

Setup Start

**\*NS1\***

Revision ID:

Stop

**\*NS2\***

Item Name: Bracket

Start Date: 2/10/14 Start Qty: 2.00

**\*2\***

Cust Item ID:

Required Date: 2/10/14 Req'd Qty: 2.00

**\*2\***

Customer:

Reference:

Approvals: Process Plan: MLJ Date: 14-02-13  
QC: \_\_\_\_\_ Date: \_\_\_\_\_Tooling: \_\_\_\_\_ Date: \_\_\_\_\_  
SPC (Y/N): \_\_\_\_\_ Date: \_\_\_\_\_Run Start **\*NR1\***  
Stop **\*NR2\***

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
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Draw Nbr	Revision Nbr	
D3462	Rev C	

100  
**\*100\*** Large Fab  
Large Fab  
Large Fab  
Memo  
Weld assembly as per dwg D3462

*m 120854*

110 QC9- Inspect visual per QSI004- Fusion Welds

0.00

*2* 14-03-20 *JBC*  
*②* 14-03-21 **DAS**  
9  
9-89**\*110\***

QC

Quality Control

120 QC5- Inspect part completeness to step on W/O

0.00

*②* 14-03-21 **DAS**  
9  
9-89**\*120\***

QC

Quality Control

Memo

0.00

DQA:

Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date: \_\_\_\_\_

Work Order update only 

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other				
			Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Design											
Doc/Data											
Equip/Tooling											
Handling/Pre											
Material											
Operator											
Offset/Setup											
Process											
Supplier											
Training											
Transport											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
				Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>			
Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>							
Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>							
Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Burrs <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>							
Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>							
Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>								
Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>							
Inspection Strip in Tube <input type="checkbox"/>	Drawing <input type="checkbox"/>	Misread <input type="checkbox"/>									
Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Off-set <input type="checkbox"/>									
Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>									
Wave/Twist in Tube <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>									

Work Order ID 113103

February-12-14 8:23:30 AM

\*113103\*

Page 2

Item ID: D3462-041

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Stop

\*NS2\*

Item Name: Bracket

Start Date: 2/10/14 Start Qty: 2.00

\*2\*

Cust Item ID:

Required Date: 2/10/14 Req'd Qty: 2.00

\*2\*

Customer:

Reference:

Approvals:	Process Plan:	Date:	Tooling:	Date:	Run	Start	*NR1*
	QC:	Date:	SPC (Y/N):	Date:	Stop		*NR2*

Sequence ID/ Work Center ID	Operation Description	Set Up/ Run Hours	Tool ID	Tool #	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
130 <b>*130*</b> Powdercoat	White Gloss(Ref:4.3.5.2) per QSI005 4.3-Steel <i>M128007</i>	0.00							DAS 34 9-89
140 <b>*140*</b> QC	Memo START TIME: <i>7:00</i> FINISH TIME: <i>2:10</i> OVEN TEMPERATURE: <i>240</i>	0.00							<i>2/14-3-31</i>
150 <b>*150*</b> Packaging	QC3- Inspect Part Finish Memo	0.00	DAS 27 9-89	14 18 C1					<i>2/14-1</i>
	Identify as per dwg & Stock Location: <i>814851</i>	0.00							DAS 26 9-89
	Memo	0.00							

DQA:

Date:



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

### Work Order update only

Work Order ID 113103

February-12-14 8:23:30 AM

\*113103\*

Page 3

Item ID: D3462-041

Accept

\*N900040100\*

Setup Start

\*NS1\*

Revision ID:

Item Name: Bracket

Stop

\*NS2\*

Start Date: 2/10/14 Start Qty: 2.00

\*2\*

Cust Item ID:

Required Date: 2/10/14 Req'd Qty: 2.00

\*2\*

Customer:

Reference:

Approvals: Process Plan: \_\_\_\_\_

Date: \_\_\_\_\_

Tooling: \_\_\_\_\_

Date: \_\_\_\_\_

Run Start

\*NR1\*

QC: \_\_\_\_\_

Date: \_\_\_\_\_

SPC (Y/N): \_\_\_\_\_

Date: \_\_\_\_\_

Stop

\*NR2\*

Sequence ID/  
Work Center ID

Operation  
Description

Set Up/  
Run Hours

Tool ID

Tool #

Plan  
Code

Accept  
Qty

Reject  
Qty

Reject  
Number

Insp.  
Stamp

160

QC21- Final Inspection - Work Order Release

0.00

MLJ 14-04-01

\*160\*

QC

Quality Control

Memo

0.00

MLJ 14-04-01

DQA:

Date: \_\_\_\_\_



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date: \_\_\_\_\_

Work Order update only 

Work Order: _____			DISPOSITION			AGAINST DEPARTMENT/PROCESS					
			Rework <input type="checkbox"/>	Skid-tube <input type="checkbox"/>	Crosstube <input type="checkbox"/>	Water Jet <input type="checkbox"/>	Engineering <input type="checkbox"/>				
			Scrap <input type="checkbox"/>	Machining <input type="checkbox"/>	Small Fab <input type="checkbox"/>	Prod. Eng. Coor. <input type="checkbox"/>	Quality <input type="checkbox"/>				
			Use-as-is <input type="checkbox"/>	Thermoforming <input type="checkbox"/>	Finishing <input type="checkbox"/>	Rec/Store/Packaging <input type="checkbox"/>	Other <input type="checkbox"/>				
			Suspected Unapproved <input type="checkbox"/>	Large Fab <input type="checkbox"/>	Composite <input type="checkbox"/>	Supplier <input type="checkbox"/>					
Root Cause	Date	Step	Qty	Description of work order update or non-conformance		Initial Chief Eng	Action Description		Sign & Date	Verification	QC Inspector
Design											
Doc/Data											
Equip/Tooling											
Handling/Pre											
Material											
Operator											
Offset/Setup											
Process											
Supplier											
Training											
Transport											
Unapproved											
FAULT CATEGORY											
Landing Gear				General							
				Bending <input type="checkbox"/>	Bend <input type="checkbox"/>	Folio/Program <input type="checkbox"/>	Outside Dimensions <input type="checkbox"/>	Pressure/Forced <input type="checkbox"/>			
Centre Not Concentric <input type="checkbox"/>	BOM/Route <input type="checkbox"/>	Grain <input type="checkbox"/>	Over/Under tolerance <input type="checkbox"/>	Set-up <input type="checkbox"/>							
Cracks <input type="checkbox"/>	Broken/Damage/Defect <input type="checkbox"/>	Hardware <input type="checkbox"/>	Part Incorrect <input type="checkbox"/>	Temperature/Cure <input type="checkbox"/>							
Crimp/Kink/Ripple/Wave <input type="checkbox"/>	Burrs <input type="checkbox"/>	Inspection Incomplete/Unqualified <input type="checkbox"/>	Part Lost/Missing <input type="checkbox"/>	Weld <input type="checkbox"/>							
Cuffs <input type="checkbox"/>	Contamination <input type="checkbox"/>	Instructions Incomplete/Unclear <input type="checkbox"/>	Part Moved <input type="checkbox"/>	Wrong Stock Pulled <input type="checkbox"/>							
Crushing <input type="checkbox"/>	Countersink <input type="checkbox"/>	Misaligned/off center <input type="checkbox"/>	Positioned Wrong <input type="checkbox"/>								
Heat Treat <input type="checkbox"/>	Cut Too Short <input type="checkbox"/>	Mislabeled <input type="checkbox"/>	Power Loss/Surge <input type="checkbox"/>	Other <input type="checkbox"/>							
Inspection Strip in Tube <input type="checkbox"/>	Drawing <input type="checkbox"/>	Misread <input type="checkbox"/>									
Marks/Chatter <input type="checkbox"/>	Drill Holes <input type="checkbox"/>	Off-set <input type="checkbox"/>									
Turning Sequence <input type="checkbox"/>	Finish <input type="checkbox"/>	Out of Calibration <input type="checkbox"/>									
Wave/Twist in Tube <input type="checkbox"/>	Fit/Function <input type="checkbox"/>	Out of Sequence <input type="checkbox"/>									

# Picklist Print

Page 1

February-12-14 8:23:32 AM

Work Order ID: 113103

\*113103\*

Parent Item: D3462-041

\*D3462-041\*

Parent Item Name: Bracket

Start Date: 2/10/14

Required Date: 2/10/14

Start Qty: 2.00

Required Qty: 2.00

Comments: IPP REV. A 05.11.18 NEW ISSUE EC  
esr rev B 08.07.15 ecn 1049 EC verified by: DD

Component Item ID/ Item Name	Replacement Item ID	Mfg/ Purch	Bin Item	Primary Location	Last Location	Route Seq ID	Unit of Measure	Qty on Hand	Qty per Kit	Total Qty	Qty Issued	Date Issued	Status
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D3462-1		Manufactured	No			100	Each	16.0000	1	2			**
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\*D3462-1\*

Bracket Assembly

Location	Loc Qty	Loc Code
WA002	16	
101445	16	

D3462-3		Manufactured	No			100	Each	25.0000	1	2			**
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\*D3462-3\*

Lug

Location	Loc Qty	Loc Code
WA002	25	
100436	13	
	12	

DQA:

Date:



## WORK ORDER NON-CONFORMANCE / UPDATE

QA Closed:

Date:

Work Order update only

Work Order: \_\_\_\_\_  
 Part No. \_\_\_\_\_  
 NCR No. \_\_\_\_\_

### DISPOSITION

- Rework
- Scrap
- Use-as-is
- Suspected Unapproved

### AGAINST DEPARTMENT/PROCESS

Skid-tube	Crosstube	Water Jet	Engineering
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Machining	Small Fab	Prod. Eng. Coor.	Quality
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Thermoforming	Finishing	Rec/Store/Packaging	Other
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Large Fab	Composite	Supplier	
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

Root Cause	Date	Step	Qty	Description of work order update or non-conformance	Initial Chief Eng	Action Description	Sign & Date	Verification	QC Inspector
Design									
Doc/Data									
Equip/Tooling									
Handling/Pre									
Material									
Operator									
Offset/Setup									
Process									
Supplier									
Training									
Transport									
Unapproved									

### FAULT CATEGORY

Landing Gear	<table border="0" style="width: 100%; border-collapse: collapse;"> <tr> <td colspan="4" style="text-align: center; font-weight: bold;">General</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Bend</td><td><input type="checkbox"/> Folio/Program</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> BOM/Route</td><td><input type="checkbox"/> Grain</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Cracks</td><td><input type="checkbox"/> Hardware</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Broken/Damage/Defect</td><td><input type="checkbox"/> Inspection Incomplete/Unqualified</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Burrs</td><td><input type="checkbox"/> Instructions Incomplete/Unclear</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Contamination</td><td><input type="checkbox"/> Misaligned/off center</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Countersink</td><td><input type="checkbox"/> Mislabeled</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Cut Too Short</td><td><input type="checkbox"/> Misread</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Drawing</td><td><input type="checkbox"/> Off-set</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Drill Holes</td><td><input type="checkbox"/> Out of Calibration</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Finish</td><td><input type="checkbox"/> Out of Sequence</td></tr> <tr> <td><input type="checkbox"/></td><td><input type="checkbox"/> Fit/Function</td><td></td></tr> <tr> <td></td><td></td><td></td></tr> </table>	General				<input type="checkbox"/>	<input type="checkbox"/> Bend	<input type="checkbox"/> Folio/Program	<input type="checkbox"/>	<input type="checkbox"/> BOM/Route	<input type="checkbox"/> Grain	<input type="checkbox"/>	<input type="checkbox"/> Cracks	<input type="checkbox"/> Hardware	<input type="checkbox"/>	<input type="checkbox"/> Broken/Damage/Defect	<input type="checkbox"/> Inspection Incomplete/Unqualified	<input type="checkbox"/>	<input type="checkbox"/> Burrs	<input type="checkbox"/> Instructions Incomplete/Unclear	<input type="checkbox"/>	<input type="checkbox"/> Contamination	<input type="checkbox"/> Misaligned/off center	<input type="checkbox"/>	<input type="checkbox"/> Countersink	<input type="checkbox"/> Mislabeled	<input type="checkbox"/>	<input type="checkbox"/> Cut Too Short	<input type="checkbox"/> Misread	<input type="checkbox"/>	<input type="checkbox"/> Drawing	<input type="checkbox"/> Off-set	<input type="checkbox"/>	<input type="checkbox"/> Drill Holes	<input type="checkbox"/> Out of Calibration	<input type="checkbox"/>	<input type="checkbox"/> Finish	<input type="checkbox"/> Out of Sequence	<input type="checkbox"/>	<input type="checkbox"/> Fit/Function				
General																																												
<input type="checkbox"/>	<input type="checkbox"/> Bend	<input type="checkbox"/> Folio/Program																																										
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